

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE	
FRAME	RL2586	AMPS	119	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)	
HP	100	DUTY	CONT	IM (AMPS)	41.3	R1	.0597 X1 .231
BASE SPEED	1760	S.F.	1.0	P.F. @NL / FL	.057/.875	R2	.0360 X2 .250
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	4.2		XM 6.59

RATED FULL LOAD DATA

	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
BASE SPEED	1758	100	299	460	60	119
MAX SPEED	2296	100	229	460	78.4	116
MIN SPEED	0	0	299	21.3	1.38	119

LOAD PERFORMANCE AT BASE SPEED

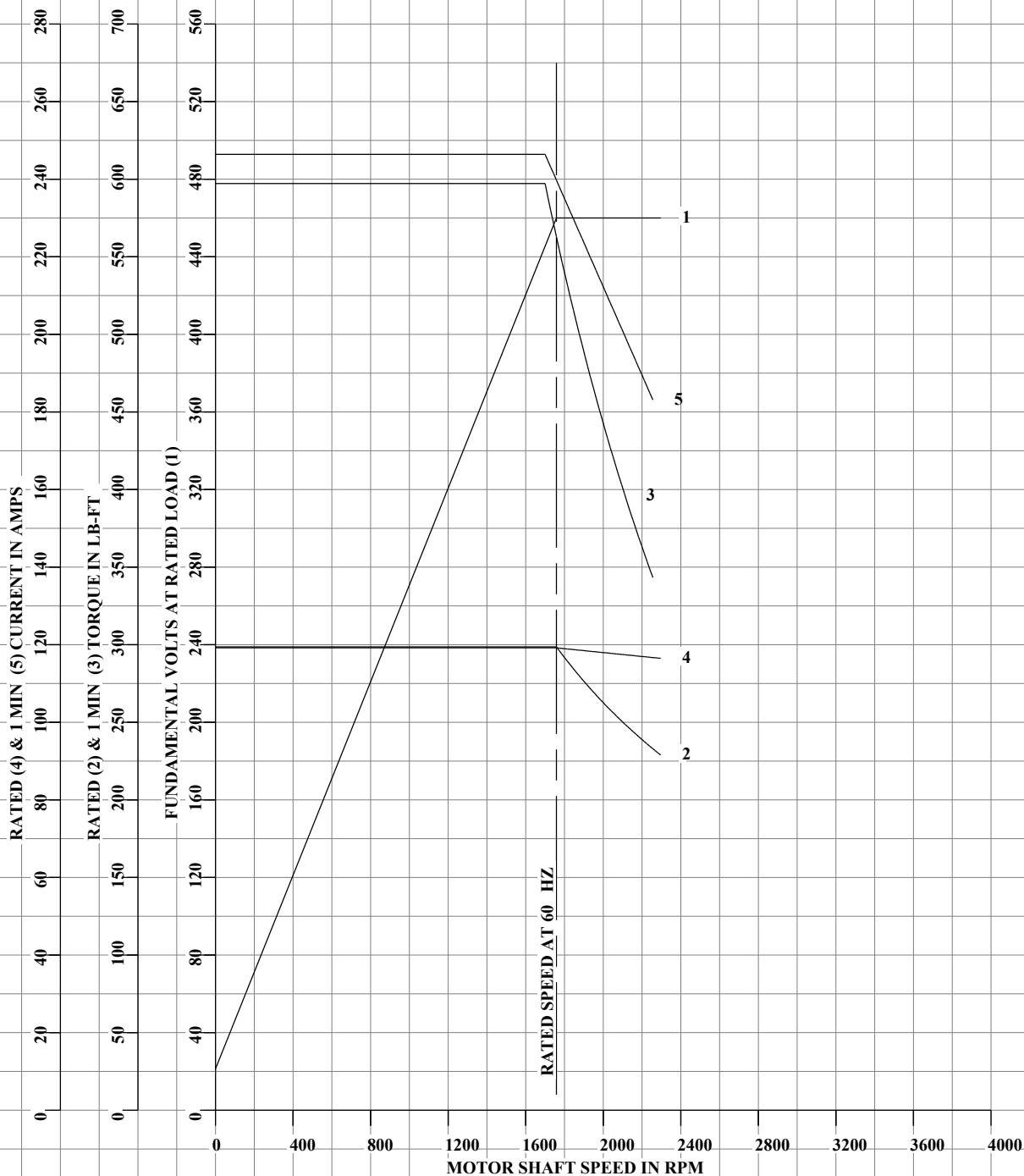
	RPM	HP	TORQUE LB-FT	FUND VOLTS	FREQ-HZ	AMPS
NO LOAD	1800	0	0	460	60	40.5
1/4	1791	25.0	73	460	60	49.9
1/2	1781	50.1	148	460	60	68.6
3/4	1770	75.0	223	460	60	92.3
FULL LOAD	1758	100	299	460	60	119
0/L	1700	193	597	460	60	246

REMARKS:

	DRAWN BY: <u>A. BROOKINS</u>	AC MOTOR PERFORMANCE DATA	L9489A
	CHECKED BY: <u>B. GRANT</u>		
	APPROVED BY: <u>J. MARTIN</u>		
	DATE: 3-1-23		ISSUE DATE 3-10-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL2586	AMPS	119	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)		
HP	100	DUTY	CONT	IM (AMPS)	41.3	R1	.0597	X1 .231
BASE SPEED	1760	S.F.	1.0	P.F. @NL / FL	.057/.875	R2	.0360	X2 .250
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK ² (Lb-Ft ²)	4.2			XM 6.59

VARIABLE SPEED AC MOTOR CURVES



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



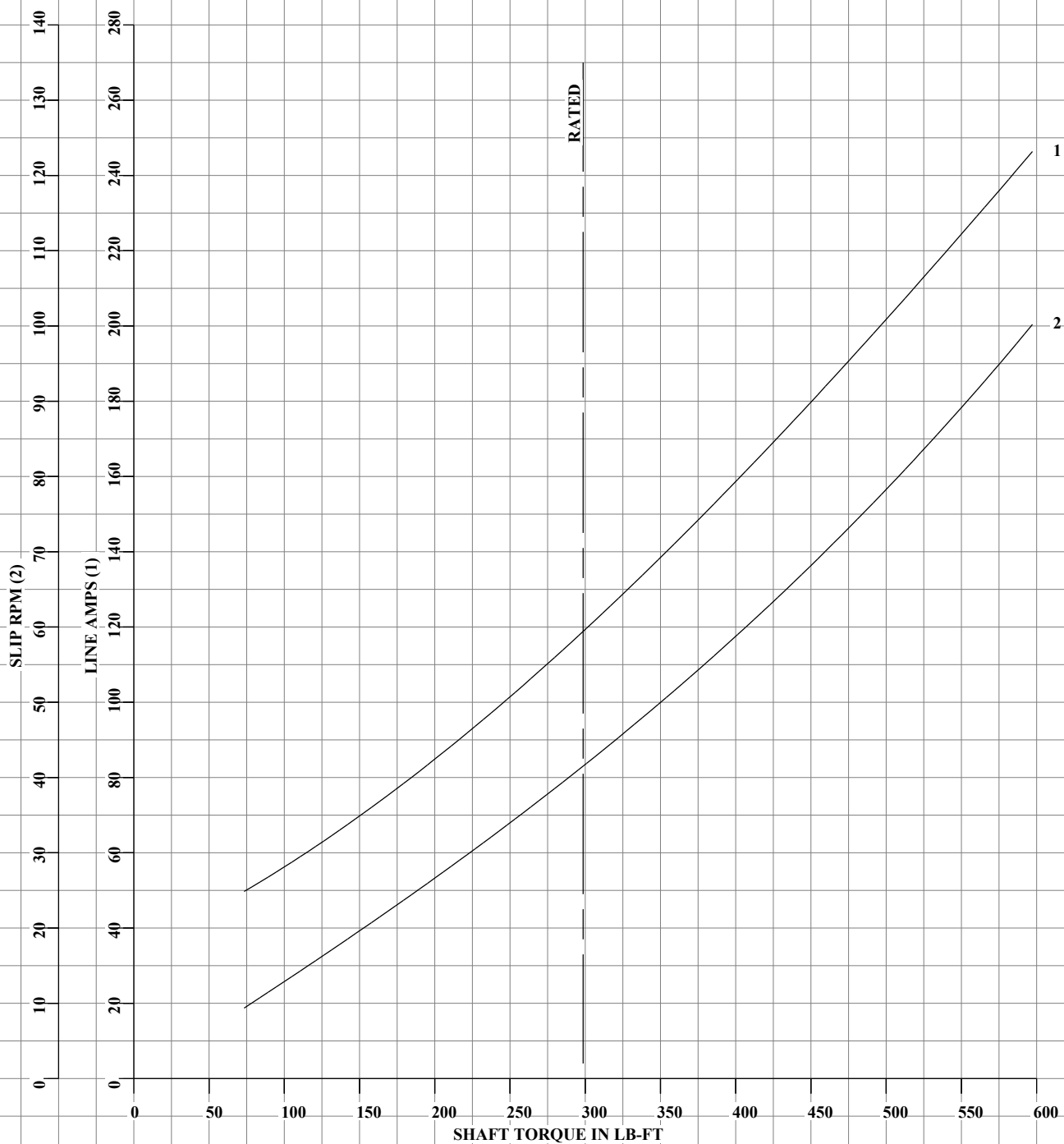
DRAWN BY: A. BROOKINS
 CHECKED BY: B. GRANT
 APPROVED BY: J. MARTIN
 DATE: 3-1-23

AC MOTOR
 PERFORMANCE
 DATA

L9489A
 ISSUE DATE: 3-10-23

S/O	-	VOLTS	460	ENCLOSURE	DPFV	WYE CONN EQ CKT OHMS PER PHASE		
FRAME	RL2586	AMPS	119	MAX SAFE SPEED	5000	(AT BASE RATING, 25°C)		
HP	100	DUTY	CONT	IM (AMPS)	41.3	R1	.0597	X1 .231
BASE SPEED	1760	S.F.	1.0	P.F. @NL / FL	.057/.875	R2	.0360	X2 .250
PHASE/HZ	3/60	AMB.°C / INSUL	40/H	WK² (Lb-Ft²)	4.2			XM 6.59

LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DRAWN BY: A. BROOKINS
 CHECKED BY: B. GRANT
 APPROVED BY: J. MARTIN
 DATE: 3-1-23

AC MOTOR
 PERFORMANCE
 DATA

L9489A
 ISSUE DATE: 3-10-23